

# SEQUENCE LISTING

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ZHONG, ZHAOJING  
CHANG, QING

<120> HUMAN ANTIPNEUMOCOCCAL ANTIBODIES FROM NON-HUMAN  
ANIMALS

<130> ABX-AE1

<150> PCT/US02/18363

<151> 2002-05-16

<150> US60/291,492

<151> 2001-05-16

<160> 21

<170> PatentIn Ver. 2.1

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<213> Homo sapiens

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ctgaggtact	actactacgg	tatggacgtc	tggggccaag	ggaccacggg	caccgtctcc	420
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ggttcagcgg	cagtggatct	gggacagatt	tcactctcac	catcagcagc	ctgcagcctg	240
aagattttgc	aacttactat	tgtcaacagg	ctaacagttt	ccctcggacg	ttcggccaag	300
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ccagagaggg	caaagtacag	tggaaagtgg	ataacgccct	ccaatcgggt	aactcccagg	480
agagtgtcac	agagcaggac	agcaaggaca	gcacctacag	cctcagcagc	accctgacgc	540
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gcagcctctg	gattcacttt	cagtaacgcc	tggatgagct	gggtccgcca	ggctccaggg	180
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ctgcaaata	acagcctgaa	aaccgaggac	acagccgtgt	attactgtac	cacaagctgg	360
aactacaggt	actactttga	ctactggggc	cagggaaacc	tggtcaccgt	ctcctcaggg	420
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cccagagagg	ccaaagtaca	gtggaaggtg	gataacgccc	tccaatcggg	taactcccag	480
gagagtgtca	cagagcagga	cagcaaggac	agcactaca	gcctcagcag	caccctgacg	540
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<212> PRT
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<210> 10
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<213> Homo sapiens

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<213> Homo sapiens

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10

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&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 12

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&lt;210&gt; 13

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 13

Met Gln Gly Thr His Trp Pro Arg Thr  
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&lt;210&gt; 14

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 14

Met Ala Leu Gln Thr Arg Thr  
1 5

&lt;210&gt; 15

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 15

His Ser Ser Ser Leu Arg Thr  
1 5

&lt;210&gt; 16

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 16

Gln Ala Asn Ser Phe Arg Thr  
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&lt;210&gt; 17

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

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<212> DNA

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<211> 24

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Primer

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<210> 21

<211> 21

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Primer

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